

09/889701

Attorney Docket No.: 07579.0014

Customer Number: 22,852

JC18 Rec'd PCT/PTO 20 JUL 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Andrew HEATON et al.)
Serial No.: Not yet assigned) Group Art Unit:
Filed: July 20, 2001) Examiner:

For: PRODUCTION OF ISOFLAVONE DERIVATIVES

U.S. NATIONAL PHASE BASED ON PCT/AU00/00103

**Assistant Commissioner for Patents
Washington, DC 20231
BOX: PCT**

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO-1449 and cited in the international search report. Copies of the listed documents are attached.

Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO-1449 and indicate that they were considered by making an appropriate notation on this form.

This Information Disclosure Statement is being filed with the above-referenced application.

In lieu of a statement of relevance or the translation of the non-English documents, enclosed is an English-language international search report from the Australian Patent Office in the PCT international application, from which this national phase U.S. application is derived, citing these documents and setting forth the relevance thereof.

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This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By:



Ernest F. Chapman
Reg. No. 25,961

Dated: July 20, 2001

Enclosures
EFC/FPD/gah

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OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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Atty. Docket No.	07579.0014	(1 of 2)	Serial No.	Not Yet Assigned			
Applicant	Andrew HEATON and Naresh KUMAR						
Filing Date	July 20, 2001		Group				
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	A	AU 80655/87	5/5/88	Australia			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
B	L. JURD et al.; "PHENOLIC AND QUINOIDAL CONSTITUENTS OF DALBERGIA RETUSA"; Tetrahedron Letters, Volume 21, pages 2149-2152; (1972)						
C	W.B. WHALLEY; "5:4'-DIHYDROXY-8-METHYLISOFLAVONE, AND A NOTE ON LOTOFLAVIN"; Journal of the Chemical Society, pages 1833-1837; (1957)						
D	Leila V. ALEGARIO et al.; "DIARYLHEPTANOIDIS AND ISOFLAVONOIDIS FROM CENTROLOBIUM SPECIES"; Phytochemistry, Volume 28, No. 9, pages 2359-2362; (1989)						
E	K. EMIKO et al.; "NEW ISOFLAVONE DERIVATIVE AND ITS PRODUCTION"; Patent Abstracts of Japan; JP 10-059956 A; March 3, 1998.						
F	Yada YUKIHIRO et al.; "SKIN BEAUTIFYING AGENT"; Patent Abstracts of Japan; JP 6-321752 A; November 22, 1994.						
G	Tanimura HIROSHI et al.; "PRODUCTION OF 4',7,8-TRIHYDROXYISOFLAVONE"; Patent Abstracts of Japan; JP 6-086682 A; March 29, 1994.						
H	Tanimura HIROSHI et al.; "EXTERNAL PREPARATION FOR SHIELDING HUMAN HEALTH FROM ADVERSE EFFECT DUE TO ULTRAVIOLET LIGHT"; Patent Abstracts of Japan; JP 6-040876 A; February 15, 1994.						
I	Tanimura HIROSHI et al.; "SUPEROXIDE-DISMUTASE-LIKE ACTIVATION AGENT"; Patent Abstracts of Japan; JP 6-040909 A; February 15, 1994.						
J	Satoshi OMURA; "ISOFLAVONE DERIVATIVE HAVING ANTIOXIDATION ACTIVITY AND PRODUCTION THEREOF"; Patent Abstracts of Japan; JP 2-124883 A; May 14, 1990.						
K	Yujiro SHINPO; "METABOLIC PROMOTER FOR UREA NITROGEN"; Patent Abstracts of Japan; JP 1-226824; September 11, 1989.						
Examiner			Date Considered				
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							
Form PTO 1449				Patent and Trademark Office - U.S. Department of Commerce			

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OMB No. 0651-0011

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178 Rec'd PCT/PTO 20 JUL 2001

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U.S. PATENT DOCUMENTS					
Examiner Initial*		Document Number	Date	Name	Class
FOREIGN PATENT DOCUMENTS					
		Document Number	Date	Country	Class
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
L	Derwent Abstract; "PHYSIOLOGICALLY ACTIVE ISO-FLAVONE PRODN. - BY AEROBICALLY CULTURING ASPERGILLUS ON PATATO STARCH, GLUCOSE, SOYBEAN MEDIUM" of JP 50-160483; December 25, 1975.				
M	Derwent Abstract; "ISOFLAVONE DERVIS - PREPD FROMIRETOL AND 3-BENZYLOXY-4-METHOXYPHENYL ACETONITRILE" of JP 50-101360; August 11, 1975.				
N	Derwent Abstract; "ISOFLAVONE CPD. INHIBITONG CATECHOL-o-METHYL TRANSFERASE - PREPD. BY CULTURE OF ACTINOMYCES ROSEOLUS ISP-5174" of JP50-0035393, April 4, 1975.				
O	G.P. ELLIS; "CHROMENES, CHROMANONES, AND CHROMONES"; pages 256-260; published by John Wiley & Sons, 1977				
Examiner		Date Considered			
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					
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